Coastal Impact Assistance Program (CIAP)
Required Information and Evaluation Criteria for Projects Nominated for CIAP Funding

Information Required for all CIAP project Nomination submittals:

1. **Project Title:** Lake Salvador Shoreline Protection, Phase III

2. **Entity/Individual nominating the project:** LDNR (Maury Chatellier)

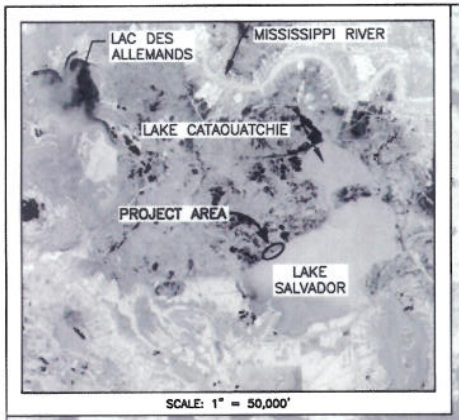
3. **Contact Information:** Louisiana Department of Natural Resources
   Coastal Engineering Division
   P.O. Box 44027
   Baton Rouge, LA 70804-4027
   225-342-5944
   maury.chatellier@la.gov

4. **Total CIAP funds requested:** $2,500,000

5. **Description and Location of Project:** Continuation of rock shoreline protection project on the north western bank of Lake Salvador in St. Charles Parish. Project will consist of installing approximately 7,300 linear feet of rock dike at or near the -1.0' NAVD 88 contour. Associated boat access and fish dips will be installed at approximate 1,000' intervals. Construction access will be via flotation channels excavated to -6.0 NAVD 88 or by direct placement (no flotation) in areas with sensitive cultural resources.

6. **Project Type:** Conservation, restoration and protection of coastal area, including wetlands.

7. **Project Justification:** The Lake Salvador shoreline is susceptible to erosion because of the long fetch across the lake, the vulnerable shoreline configuration and the highly unconsolidated sediment base. These factors are responsible for the high shoreline erosion rate in the Lake Salvador area of approximately 13 ft/yr (4 m/yr) (NMFS 1997, Louisiana Department of Natural Resources (LDNR) 1996). This chronic erosion has breached the lake shoreline in several locations, exposing fragile, highly organic marsh substrates to increased wave and tidal energy resulting in large, shallow pond formation in the interior marsh (LDNR 1996). The existing shoreline protection project (CWPPRA, BA-15) completed construction in 2005. Numerous delays in project scheduling and financial limitations caused approximately 7,300' linear feet of rock dike to be eliminated from the project. This proposed CIPA funded project would extend the current project to the limits of the original design.



SCALE: 1" = 50,000'

END OF PROPOSED PROJECT
APPROXIMATE STATION 244+80

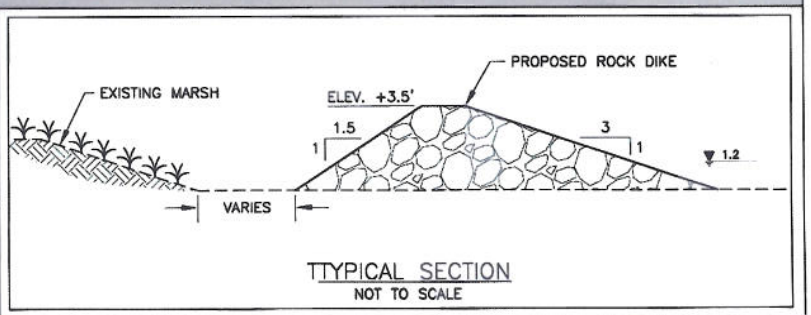
PROPOSED SHORELINE PROTECTION
APPROXIMATE LENGTH 7480' LINEAR FT.

10" TEXACO PROPYLENE PIPELINE

EXISTING SHORELINE
PROTECTION PROJECT
COMPLETED IN 2005

BEGINNING OF PROPOSED PROJECT
STATION 172+00

600' 300' 0' 600' 1200'



TTYPICAL SECTION
NOT TO SCALE

REV.	DATE	DESCRIPTION	BY

LOUISIANA DEPARTMENT OF NATURAL RESOURCES
COASTAL ENGINEERING DIVISION
617 NORTH 3RD STREET
BATON ROUGE, LOUISIANA 70802

DRAWN BY: KRISTI CANTU | DESIGNED BY: MAURY CHATELLIER | APPROVED BY:

LAKE SALVADOR
PROPOSED CIAP PROJECT

STATE PROJECT NUMBER:

FEDERAL PROJECT NUMBER:

INFORMATION SHEET

DATE: APRIL 2006

SHEET 1 OF 1

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